A COMMUNICATION SYSTEM ARCHITECTURE

Patent number: WO9834391

Publication date: 1998-08-06

Inventor: EASTEP GUIDO M (US); LITZENBERGER PAUL R (US); OREBAUGH SHANNON R (US); ELLIOTT ISAAC K (US); STELLE RICK (US); SCHRAGE BRUCE (US); BAXTER CRAIG A (US); ATKINSON WESLEY (US); KNOSTMAN CHUCK (US); CHEN BING (US); VANDERSLUIS KRISTAN (US); JUN FANG DI

Applicant: MCI COMMUNICATIONS CORP (US); EASTEP GUIDO M (US); LITZENBERGER PAUL R (US); OREBAUGH SHANNON R (US); ELLIOTT ISAAC K (US); STELLE RICK (US); SCHRAGE BRUCE (US); BAXTER CRAIG A (US); ATKINSON WESLEY (US); KNOSTMAN CHUCK (US); CHEN BING (US); VANDERSLUIS KRISTAN (US)

Classification:

- international: H04M3/00

- european: H04L29/06; H04L29/06J; H04M3/493; H04M7/00B2; H04M15/00; H04Q3/00D3; H04Q3/00D4

Application number: WO1998US01868 19980203

Priority number(s): US19970794555 19970203; US19970794114 19970203; US19970794689 19970203; US19970807130 19970210; US19970798208 19970210; US19970795270 19970210; US19970797964 19970210; US19970800243 19970210; US19970798350 19970210; US19970797445 19970210; US19970797360 19970210

Also published as:

WO9834391 (A3)
WO9834391 (A3)
WO9834391 (A3)
EP1000500 (A4)
CA2289455 (A1)

more >>

Report a data error here

Abstract of **WO9834391**

A system and method for routing telephone calls, data and other multimedia information through a hybrid network which may include transfer of information across the internet. Profile information is utilized by the system throughout the media experience for routing, billing, monitoring, reporting and other media control functions. The system can include prioritized routing. The system can also facilitate callback sessions and present a display to a caller via a web page that includes status information pertaining to the callback session. Calls and callbacks can also be routed over the hybrid network. Through use of the system, users can manage more aspects of a network than previously possible, and may control network activities from a central site.

Data supplied from the ***esp@cenet*** database - Worldwide

CORRECTED VERSION* CORRECTED VERSION**

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : H04M 7/00, 3/48, H04L 12/64, 29/06 — A3

(11) International Publication Number: WO 98/34391

(43) International Publication Date: 6 August 1998 (06.08.98)

(21) International Application Number: PCT/US98/01868

(22) International Filing Date: 3 February 1998 (03.02.98)

(30) Priority Data:

08/794,555	3 February 1997 (03.02.97)	US
08/794,114	3 February 1997 (03.02.97)	US
08/794,689	3 February 1997 (03.02.97)	US
08/807,130	10 February 1997 (10.02.97)	US
08/798,208	10 February 1997 (10.02.97)	US
08/795,270	10 February 1997 (10.02.97)	US
08/797,964	10 February 1997 (10.02.97)	US
08/800,243	10 February 1997 (10.02.97)	US
08/798,350	10 February 1997 (10.02.97)	US
08/797,445	10 February 1997 (10.02.97)	US
08/797,360	10 February 1997 (10.02.97)	US

(71) Applicant *(for all designated States except US)*: MCI COMMUNICATIONS CORPORATION [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).

(71)(72) Applicants and Inventors: EASTEP, Guido, M. [US/US]; 3005 Saint Germain Road, McKinney, TX 75070 (US). LITZENBERGER, Paul, R. [US/US]; 320 West Oak Street, Wylie, TX 75098 (US). OREBAUGH, Shannon, R. [US/US]; 12588 Rock Ridge Road, Herndon, VA 20170 (US). ELLIOTT, Isaac, K. [US/US]; 3855 Orchard Drive, Colorado Springs, CO 80920 (US). STELLE, Rick [US/US]; 6314 Dewsbury Drive, Colorado Springs, CO 80918 (US). SCHRAGE, Bruce [US/US]; 6560 W. Gambol Quail Drive, Colorado Springs, CO 80918 (US). BAXTER, Craig, A. [US/US]; 8495 Vance Court, Colorado Springs, CO 80919 (US). ATKINSON, Wesley [US/US]; 22 Morning Star Circle, Woodland Park, CO 80863 (US). KNOSTMAN, Chuck [US/US]; 1750 Smoke Ridge Drive, Colorado Springs, CO 80918 (US). CHEN, Bing [US/US]; 6040 Breeze Court, Colorado Springs, CO 80919 (US). VANDERSLUIS, Kristan [US/US]; 4385 Granby Circle, Colorado Springs, CO 80918 (US).

(72) Inventor: JUN, Fang (deceased).

(74) Agents: WARREN, Sanford, E., Jr.; Warren & Perez, Suite 710, 8411 Preston Road, Dallas, TX 75225 (US) et al.

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

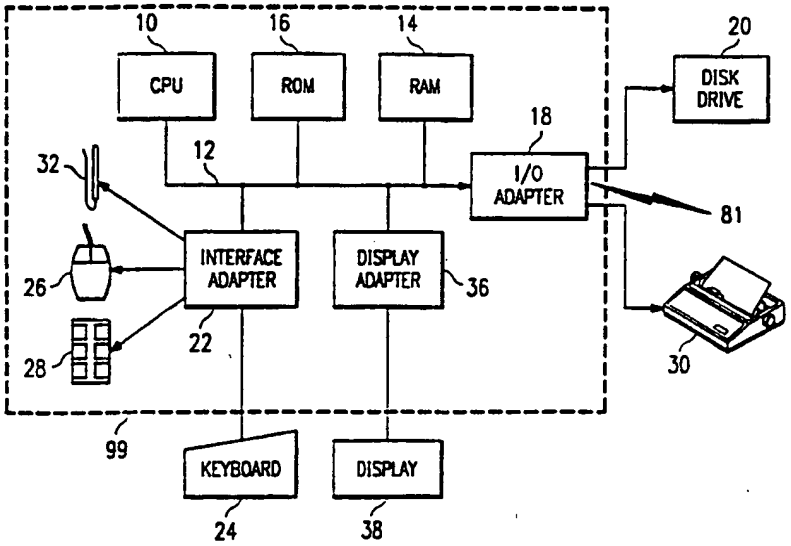
Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(88) Date of publication of the international search report: 23 December 1998 (23.12.98)

(54) Title: A COMMUNICATION SYSTEM ARCHITECTURE



(57) Abstract

A system and method for routing telephone calls, data and other multimedia information through a hybrid network which may include transfer of information across the internet. Profile information is utilized by the system throughout the media experience for routing, billing, monitoring, reporting and other media control functions. The system can include prioritized routing. The system can also facilitate callback sessions and present a display to a caller via a web page that includes status information pertaining to the callback session. Calls and callbacks can also be routed over the hybrid network. Through use of the system, users can manage more aspects of a network than previously possible, and may control network activities from a central site.

*(Referred to in PCT Gazette No. 36/1999, Section II) **(Referred to in PCT Gazette No. 3/2000, Section II)